

Title (en)  
METHOD OF CONTROLLING DISPLAY DEVICE, AND DISPLAY DEVICE

Title (de)  
VERFAHREN ZUR STEUERUNG EINES ANZEIGEVORRICHTUNG SOWIE ANZEIGEVORRICHTUNG

Title (fr)  
PROCÉDÉ DE COMMANDE DE DISPOSITIF D'AFFICHAGE ET DISPOSITIF D'AFFICHAGE

Publication  
**EP 3843078 A1 20210630 (EN)**

Application  
**EP 20216912 A 20201223**

Priority  
JP 2019234454 A 20191225

Abstract (en)  
A method of controlling a projector includes a distributing step of distributing each of luminance values of a plurality of pixels constituting an original image into a first luminance value, a second luminance value lower than the first luminance value, a third luminance value lower than the second luminance value, a first replacing step of replacing the luminance values of the pixels corresponding to the second luminance value with the third luminance value in the original image to generate a first image, a second replacing step of replacing the luminance values of the pixels corresponding to the second luminance value with the first luminance value in the original image to generate a second image, and a generating step of converting the luminance values of the pixels into transmittances in each of the first image and the second image to generate mask images.

IPC 8 full level  
**G09G 5/02** (2006.01); **G09G 5/377** (2006.01)

CPC (source: CN EP US)  
**G09G 3/36** (2013.01 - EP); **G09G 5/00** (2013.01 - CN); **G09G 5/026** (2013.01 - EP); **G09G 5/377** (2013.01 - CN EP); **H04N 5/265** (2013.01 - US); **H04N 9/3179** (2013.01 - US); **G09G 2340/12** (2013.01 - EP); **H04N 9/3105** (2013.01 - US); **H04N 9/312** (2013.01 - US)

Citation (applicant)  
JP 2019032395 A 20190228 - SEIKO EPSON CORP

Citation (search report)  
• [YD] US 2019043444 A1 20190207 - YASUDA YUTAKA [JP], et al  
• [A] US 2019012986 A1 20190110 - KIDA KENSUKE [JP]  
• [A] US 5270688 A 19931214 - DAWSON WILLIAM [US], et al  
• [Y] ANONYMOUS: "Use the Photoshop Levels adjustment", 17 May 2019 (2019-05-17), Adobe Photoshop online help, XP055794196, Retrieved from the Internet <URL:https://web.archive.org/web/20190517061014/https://helpx.adobe.com/photoshop/using/levels-adjustment.html> [retrieved on 20210412]

Designated contracting state (EPC)  
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)  
BA ME

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